

# The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools KA3B. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4541 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@sneezy.sri.com. The bulletin may be freely quoted, provided that credit is given.

## Eastern VHF Conference Endorses New DX Window

Lefty, K1TOL, writes that the 60-70 6m hams present at a 6m band session at the Eastern VHF Conference in August agreed without dissent to accept the proposed new 50.1-50.2 MHz DX Window.

DX has been scarce the past couple months, other than for TransEquatorial Propagation and an occasional Es opening. The current lack of sunspots has gotten to your editor, and he wonders in print if we will ever again see the likes of solar cycles past. On a more positive note, Pat Rose, W5OZI, has sent us the results of the 1996 SMIRK Contest, which you will find on following pages.

## Fieldhunter's List Info

SM5INC is the keeper of lists of standings of grid fields worked by radio amateurs on VHF. Compiled quarterly since 1982, the list shows the situation on March 31, June 30, September 30 and December 31 at 2400 UTC. This 50 MHz list is from one (VHF) of four sponsored by the Swedish Sending Amateurs. The others are HF (part I and II), and UHF/SHF. Johnny posts on the Internet lists quarterly for each VHF/UHF/SHF amateur band, including 70 MHz and 900 MHz.

The 50 MHz standings as of September 30, 1996 appear to the right of this column. In the list, the columns are: Position on list; Callsign; The station's own field; Number of fields worked; and Date last updated.

Readers are reminded that a grid field is a block of 10' latitude by 20' longitude, and is the first two letters of a grid square as determined by the Maidenhead Locator System. A world map showing the 324 fields can be found in "The Radio Amateur's World (Locator) Atlas", that normally should be available at your national amateur radio society.

Please send your info as soon as possible to SM5INC, Johnny Ryden, Rombergsgatan 39, S-745 33 Enköping, SWEDEN. Phone +46-17127883. Packet SM5INC @ SK5BB.#AROS.U.SWE.EU. E-mail: jr@abc.se

### RULES:

1. All fields must have been worked via passive reflectors.
2. All stations involved must be on the earth's surface.
3. QSL cards are not required if you are certain that the other station considers the QSO to have been completed.
4. All QSOs must have been worked from points within a circle of 1000 km radius.
5. There is no starting date for contacts to be eligible.

## Fieldhunter's List

### 50 MHz Standings as of September 30, 1996

by Johnny Ryden, SM5INC

| Rank | Call     | Field | Fields | YMM  | Rank | Call      | Field | Fields | YMM  |
|------|----------|-------|--------|------|------|-----------|-------|--------|------|
| 1    | JA1VOK   | QM    | 112    | 9309 |      | YO2IS     | KN    | 32     | 9410 |
| 2    | JA6RJK   | PM    | 93     | 9302 | 76   | SM7JUQ    | JO    | 31     | 9506 |
| 3    | JA6TEW   | PM    | 88     | 9204 |      | W6YLL     | CM    | 31     | 9503 |
|      | NI6E/KH6 | BK    | 88     | 9205 | 78   | PA0ION    | JO    | 30     | 9501 |
| 5    | WA6BYA   | CM    | 86     | 9511 | 79   | PA3GML    | JO    | 28     | 9507 |
| 6    | PY5CC    | GG    | 82     | 9503 |      | VK3ALM    | QF    | 28     | 9508 |
| 7    | GJ4ICD   | IN    | 76     | 9608 | 81   | ES6QB     | KO    | 27     | 9510 |
| 8    | W5OZI    | EM    | 74     | 9405 |      | VE7SKA    | CN    | 27     | 9608 |
| 9    | K5AM     | DM    | 72     | 9606 |      | KB6NAN    | CM    | 27     | 9607 |
| 10   | SV1DH    | KM    | 71     | 9408 | 84   | OZ1IZB    | JO    | 26     | 9410 |
|      | WA1OUB   | FN    | 71     | 9601 |      | VE6XT     | DO    | 26     | 9607 |
| 12   | W4DR     | FM    | 70     | 9602 |      | Z23JO     | KH    | 26     | 9608 |
| 13   | K1TOL    | FN    | 69     | 9503 | 87   | SM7NNJ    | JO    | 25     | 9406 |
|      | N0LL     | EM    | 69     | 9408 |      | WB7QBS    | CN    | 25     | 9609 |
|      | N5JHV    | DM    | 69     | 9605 | 89   | GJ3RAX    | IN    | 24     | 9609 |
| 16   | SM7FJE   | JO    | 68     | 9505 |      | OZ1IEP    | JO    | 24     | 9510 |
|      | TI2NA    | EJ    | 68     | 9503 | 91   | DL3YEE    | JO    | 23     | 9504 |
| 18   | K0US     | EN    | 67     | 9405 | 92   | DL8EBW    | JO    | 22     | 9404 |
|      | ON4KST   | JO    | 67     | 9507 |      | N0HJZ     | EN    | 22     | 9607 |
|      | VK3OT    | QF    | 67     | 9311 |      | SM4POB    | JP    | 22     | 9606 |
| 21   | G3WOS    | IO    | 66     | 9512 | 95   | G6MXL     | IO    | 21     | 9411 |
| 22   | SM7AED   | JO    | 65     | 9507 |      | KL7GLL/W4 | FM    | 21     | 9509 |
| 23   | G4IGO    | IO    | 64     | 9608 |      | NL7XM     | FN    | 21     | 9507 |
|      | PA3BFM   | JO    | 64     | 9606 | 98   | ES5MC     | KO    | 20     | 9510 |
|      | SM7BAE   | JO    | 64     | 9507 |      | OH1AJ     | KP    | 20     | 9507 |
| 26   | G4UPS    | IO    | 61     | 9501 | 100  | DL3AMA    | JO    | 18     | 9503 |
|      | KH6HH    | BL    | 61     | 9505 |      | DL5BBL    | JO    | 18     | 9507 |
|      | PA0RDY   | JO    | 61     | 9412 |      | EI7GL     | IO    | 18     | 9604 |
|      | W3EP     | FN    | 61     | 9601 | 103  | ON4FZ     | JO    | 17     | 9409 |
| 30   | JM1SZY   | PM    | 59     | 9609 |      | PE1EBJ    | JO    | 17     | 9603 |
| 31   | K1GPF    | FN    | 59     | 9503 |      | SM5NVF    | JO    | 17     | 9605 |
|      | S59A     | JN    | 59     | 9404 |      | WB8RUQ    | EN    | 17     | 9606 |
| 33   | G0JHC    | IO    | 58     | 9507 | 107  | DL7ANR    | JO    | 16     | 9604 |
|      | WB9YFE   | EN    | 58     | 9507 |      | G4DCJ     | JO    | 16     | 9608 |
| 35   | W7HAH    | DN    | 57     | 9408 |      | G8DCJ     | IO    | 16     | 9509 |
|      | WB4DBB   | FM    | 57     | 9507 |      | KO4GVW    | EM    | 16     | 9505 |
| 37   | OZ3ZW    | JO    | 56     | 9411 | 111  | DL1EJA    | JO    | 15     | 9507 |
|      | WA5IYX   | EL    | 56     | 9508 |      | ES1CW     | KO    | 15     | 9510 |
| 39   | G3OIL    | IO    | 55     | 9509 |      | ES5RY     | KO    | 15     | 9510 |
|      | K0TLM    | EM    | 55     | 9508 |      | G4MJS     | IO    | 15     | 9506 |
|      | W0KEA    | DM    | 55     | 9509 |      | N7YAP     | DN    | 15     | 9605 |
|      | W3ZZ     | FM    | 55     | 9601 |      | SM6MPA    | JO    | 15     | 9508 |
| 43   | WA1AYS   | FN    | 53     | 9408 | 117  | ES5DE     | KO    | 14     | 9510 |
| 44   | G4IFX    | IO    | 52     | 9510 |      | G8CDW     | JO    | 14     | 9511 |
|      | I5MXH    | JN    | 52     | 9504 |      | KB0MJD    | DN    | 14     | 9602 |
|      | PA3FYM   | JO    | 52     | 9410 |      | PE1OGF    | JO    | 14     | 9501 |
|      | WA2TEO   | FN    | 52     | 9604 | 121  | K0RZ      | DM    | 13     | 9501 |
| 48   | DJ3TF    | JN    | 51     | 9601 |      | N0WVU     | DM    | 13     | 9607 |
|      | KE7CX    | CN    | 51     | 9605 | 123  | ES2RW     | KO    | 12     | 9510 |
|      | ZS6WB    | KG    | 51     | 9405 |      | ES5QA     | KO    | 12     | 9510 |
| 51   | PA2TAB   | JO    | 49     | 9502 |      | ES6PZ     | KO    | 12     | 9510 |
| 52   | IO0UT    | JN    | 48     | 9504 |      | OH2BNH    | KP    | 12     | 9407 |
|      | PE1LCH   | JO    | 48     | 9607 | 127  | K06ET     | DM    | 11     | 9508 |
|      | WA5QCP   | DM    | 48     | 9509 |      | SM5INC    | JO    | 11     | 9403 |
| 55   | K6EID    | EM    | 47     | 9508 | 129  | ES0SM     | KO    | 10     | 9510 |
|      | W3IWU    | FN    | 47     | 9412 |      | KB0QDK    | DN    | 10     | 9602 |
|      | ZL3AAU   | RE    | 47     | 9508 |      | OZ1CJX    | JO    | 10     | 9602 |
| 58   | G4HBA    | IO    | 46     | 9502 |      | PE1MJR    | JO    | 10     | 9409 |
|      | K6FV     | CM    | 46     | 9509 |      | SM3VEE    | JP    | 10     | 9509 |
| 60   | W3OTC    | FM    | 44     | 9602 |      | SM5PPS    | JO    | 10     | 9507 |
| 61   | N5BBO    | EL    | 43     | 9606 | 135  | ES1II     | KO    | 9      | 9510 |
|      | S59F     | JN    | 43     | 9608 |      | ES5PC     | KO    | 9      | 9510 |
|      | VK6HK    | OF    | 43     | 9510 |      | SM4HEJ    | JO    | 9      | 9602 |
| 64   | K9LCR    | EN    | 42     | 9601 |      | VE2PIJ    | FN    | 9      | 9607 |
| 65   | SM3EQY   | JP    | 40     | 9508 |      | XE1KK     | EK    | 9      | 9601 |
| 66   | K0CJ     | EN    | 39     | 9602 | 140  | ES2RJ     | KO    | 8      | 9510 |
| 67   | SM0KAK   | JO    | 38     | 9608 |      | NH6YK     | BL    | 8      | 9601 |
| 68   | N8NQS    | EN    | 37     | 9502 |      | OZ2AEV    | JO    | 8      | 9606 |
|      | KA7MCX   | CN    | 36     | 9609 | 143  | NH6YK/KH4 | AL    | 7      | 9601 |
| 70   | OZ5IQ    | JO    | 36     | 9508 | 144  | SM5KUX    | JO    | 6      | 9506 |
| 71   | GW6VZW   | IO    | 35     | 9605 | 145  | ES1AW     | KO    | 5      | 9510 |
|      | K8UNV    | EM    | 35     | 9508 |      | ES1HW     | KO    | 5      | 9510 |
| 73   | OH1LEU   | KP    | 34     | 9506 |      | ES2XM     | KO    | 5      | 9510 |
| 74   | OH5IY    | KP    | 32     | 9408 |      |           |       |        |      |



# SMIRK CONTEST - 1996

Poor to terrible Es propagation, but good participation describe the 1996 6 Meter SMIRK Contest, with over a thousand 6 meter hams participating, more than 250 SMIRK members getting in on the action, and lots of logs being submitted to SMIRK Secretary/Contest Chairman Pat Rose, W5OZI.

John Godwin, KB5IUA, was the big winner again this year, giving him a "Three-peat" with 111 SMIRKs, 170 non-SMIRKs, and 121 grids. John was followed by Bill Tynan, W3XO, in the #2 spot. Cliff Ibell, G1IOV, had the highest score of the DX entries with 6705 points and we were pleased to have an entry from Radio Club 'Zadar', 9A6V, Republic of Croatia, who scored 1395 points. Mark Vaglianti, XE2/KC5FMT, beat out Bernardo Gonzalez, XE2HWP, for the top score from Mexico.

The 48-hour annual SMIRK contest is usually held on the weekend between the June ARRL VHF Contest and Field Day, and will be announced in all the major amateur radio publications and newsletters. Watch for details of the 1997 SMIRK contest. It is a great way to pick up some of those badly-needed grid squares, but moreover, it is a lot of fun!

SMIRK currently has over 6000 members worldwide and its goal is the promotion of 6-meter activity. SMIRK has donated equipment to hams in rare DX countries and to DX-peditions putting new countries on 6 meters.

To become a member of SMIRK, send a list of six SMIRK members you have contacted on 6 meters with their

callsigns and SMIRK numbers to SMIRK Secretary Pat Rose, W5OZI, P.O. Box 393, Junction, Texas, 76849, along with a check in the amount of \$6.00 payable to SMIRK. You will receive your very attractive SMIRK membership certificate with your life-long SMIRK number, and the knowledge that your dues and membership payments will be contributing to providing information and equipment to a worthy ham in some DX location who may soon be giving you a new DXCC country on 6 meters.

The scores may be found on the following page.

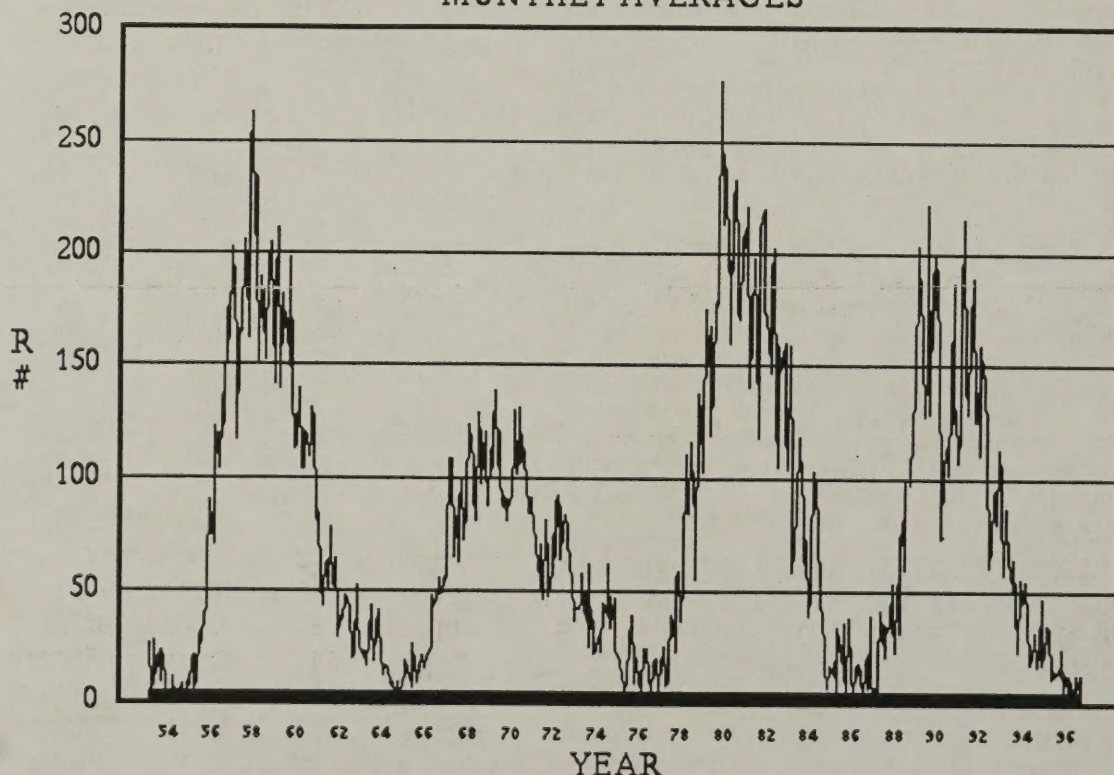
## Solar Cycles Past

Consider the plot below of the monthly average sunspot numbers for the past four solar cycles. How many of you readers remember the cycle which peaked in 1969? More of you probably remember the drop in the middle of the last sunspot cycle which is much more clearly seen in the monthly averages than in the usual 13-month running averages which form the usual standard of measurement of solar activity as it affects the ionosphere.

What if the next cycle turns out to be a stinker like 1969-70? You could then kiss off working EU from the west coast or the Far East from the east coast of the USA. You'd still see north/south openings, but most of us in CONUS would not see much 2-hop F2 for paths north of magnetic E and W.

The complete solar cycle is actually 22 years long, with maxima of one polarity followed by the other. The optimist side of me likes to think that the next one will be more like those of '57 and '89 than '69, but the longer we go with no spots on the sun, the deeper grows my despair.

## NSO SUNSPOT NUMBERS MONTHLY AVERAGES



Last month listed September 96, R=0.00

Previous month R=12.06



# SMIRK CONTEST-1996

| Callsign   | SMIRK<br># | QTH     | SMIRK's<br>X2 | Others<br>X1 | Grids | Score | Comments             |
|------------|------------|---------|---------------|--------------|-------|-------|----------------------|
| K1TOL      | 2079       | ME      | 9             | 4            | 12    | 264   | ME Winner            |
| NM1K       | 5923       | CT      | 8             | 121          | 38    | 4902  | CT Winner            |
| N1MIA      | 5929       | WMA     | 35            | 85           | 31    | 4805  | MA Winner            |
| N2QHS      | 5787       | NLI     | 3             | 3            | 6     | 54    | NLI Winner           |
| WA2ZNC     | 1172       | WNY     | 2             | 2            | 3     | 18    | WNY Winner           |
| K3VRS      | 5887       | MD      | 1             | 0            | 1     | 2     | MD Winner            |
| N3WAV      | 5975       | PA      | 3             | 0            | 3     | 18    | PA Winner            |
| KE4BHB     | 5945       | FL      | 8             | 2            | 9     | 162   |                      |
| KF4CYB     | 5932       | FL      | 3             | 1            | 4     | 28    |                      |
| WB4DBB     | 952        | VA      | 8             | 23           | 18    | 702   | VA Winner            |
| AD4DY      | 5724       | AL      | 22            | 27           | 31    | 2201  | AL Winner            |
| KF4CYB     | 5932       | FL      | 6             | 1            | 4     | 28    |                      |
| KE4HGD     | 5766       | SC      | 45            | 45           | 56    | 7560  | SC Winner            |
| AE4FA      | 5989       | SC      | 17            | 12           | 22    | 1012  |                      |
| KD4JDT     |            | STX     | 8             | 1            | 7     | 119   |                      |
| WA4NTF     | 3839       | GA      | 27            | 33           | 45    | 3915  |                      |
| WB4OQX     | 5796       | GA      | 32            | 30           | 44    | 4136  | GA Winner            |
| KC4SUS     | 5658       | FL      | 39            | 36           | 48    | 5472  | FL Winner            |
| KD4VBI     | 5812       | FL      | 6             | 29           | 10    | 410   |                      |
| W1ICW/5    | 3787       | NTX     | 48            | 56           | 71    | 10792 | NTX Winner, #4 World |
| KC5DRI     | 5955       | OK      | 16            | 10           | 20    | 840   | OK Winner            |
| KC5EPL     | 5891       | NTX     | 19            | 27           | 29    | 1885  |                      |
| KB5IUA     | 5487       | STX     | 111           | 170          | 121   | 47432 | STX Winner, #1 World |
| KB5OAI     | 5936       | NTX     | 39            | 49           | 54    | 6858  |                      |
| W5OZI      | 5038       | STX     | 74            | 57           | 75    | 15375 | #3 Worldwide         |
| KJ5RC      | 5953       | MS      | 14            | 12           | 19    | 760   | MS Winner            |
| N5TNM      | 5725       | AR      | 10            | 3            | 9     | 207   | AR Winner            |
| W3XO/5     | 800        | STX     | 93            | 120          | 110   | 33660 | #2 Worldwide         |
| KB6NAN     | 7388       | SCV     | 44            | 59           | 38    | 5586  | CA Winner            |
| N7GJD      | 5863       | AZ      | 3             | 2            | 5     | 40    |                      |
| NW7O       | 5350       | NV      | 15            | 7            | 18    | 666   | NV Winner            |
| WB7OHF     | 2196       | AZ      | 56            | 59           | 55    | 9405  | AZ Winner, #5 World  |
| KE7SW      | 5382       | WWash   | 0             | 9            | 2     | 18    | WA Winner            |
| W7US       | 5022       | AZ      | 51            | 41           | 46    | 6578  |                      |
| N8AXA      | 3603       | OH      | 17            | 19           | 13    | 689   | OH Winner            |
| N8OWR      | 5774       | OH      | 4             | 4            | 6     | 72    |                      |
| WA9LWJ     | 6031       | WI      | 8             | 11           | 12    | 324   | WI Winner            |
| N9PBA/8    | 5738       | MI      | 14            | 8            | 11    | 242   | MI Winner            |
| WD0BQM     | 4939       | NE      | 11            | 15           | 20    | 740   | NE Winner            |
| KB0MJD     | 5824       | SD      | 11            | 9            | 13    | 403   | SD Winner            |
| W0KEA      | 4637       | CO      | 40            | 45           | 46    | 5750  | CO Winner            |
| N0LL       | 761        | KS      | 38            | 11           | 21    | 1029  | KS Winner            |
| KB0LXX     | 5847       | ND      | 8             | 9            | 11    | 275   | ND Winner            |
| VC2PIJ     |            | Canada  | 6             | 10           | 7     | 154   | Canada Winner        |
| XE2HWB     | 5930       | MX      | 14            | 15           | 13    | 377   | Baja CA Winner       |
| XE2/KC5FMT | 5792       | MX      | 21            | 41           | 31    | 2573  | Mexico Winner        |
| G1IOV      | 5609       | UK      | 1             | 147          | 45    | 6705  | DX & UK Winner       |
| 9A6V       | 6063       | Croatia | 0             | 45           | 31    | 1395  | Croatia Winner       |



## August-October 1996 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of G4UPS, SM7AED's *Six-metre Info*, GJ4ICD's *Internet Six News* (marked with #), JA1VOK's columns *World VHF News* in FIVE NINE and *V,UHF DX Topics* in MOBIL HAM, SP5XMU, XE1GE, XE2HWP, VE7SKA, WA5IYX, K6QXY, W7HAH, W0MTK, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1996. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station. Symbols just before the call of the reporting station include: T=television video/audio, V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, S=SSB, W=worked, mode not mentioned, H=heard only.

## Reports of Africa

### AFRICA GENERAL

09281525 AFRICAN W. -1740 48.250 V G4IGO

### MALAWI

09281733 7Q7RM 339 -1745 H G4UPS  
09281740 7Q7RM -1745 H G4IGO  
09281800 7Q7RM 55 > JN05 50.110 F1MXE  
09281800 7Q7SIX 529 > JN05 50.002 B F1MXE  
09281801 7Q7JL 55 KH74 50.110 F1MXE

### NAMIBIA

09281648 V51VHF 569-589 JG87 B G4UPS  
09281715 V51VHF TO 579 B G4IGO  
09281717 V51VHF > IO80 50.019 B G4IFX  
09281728 V51VHF 529 >1750 50.0183 B G0JHC  
09281734 V51VHF 529 JG87 > IO81 B G4ASR  
09281759 V51VHF > JN05 50.017 B F1MXE

## Reports of Asia(Far East)

### HONG KONG

09021050 VR2ZXY -2010 JA4-6  
09021105 VR2ZXY > PM63 50.110 S JA5CMO

### JAPAN

10171222 JE8WZH QN12>PM63 MS 50.150 S JA5CMO

### KOREA,S.

08210635 HL1LTC > PM85 50.110 H JE2DWZ  
08250534 HL2TP 50.110 JH1XUP  
08250721 HL1FO 50.185 JA8CEA  
08250958 HL2IPC 50.190 JH8UQJ  
09031100+DS1DTA -2130 51.200 F JA1VOK  
09031118 HL1LTC 50.130 JA1VOK  
09031131 HL2TP 50.110 JA1VOK  
09130929 HL1LTC > PM95 50.110 H JE1TGN  
10030546 HL1LTC >PM74 50.110 H JJ3WXG

### RUSSIAN FEDERATION (ASIAN)

08250910 UA0CQ > PM63 50.110 S JA5CMO  
08250910 UA0CQ > PM95 50.110 H JE1TGN  
08250917 UA0CQ 50.115 JE3GUG  
09150013 RW0CD 50.065 C JA4OEY/1

### TAIWAN

08210308 BV2FG/b > PM85 50.001 B JE2DWZ  
08210602 BV2FG/b > PM85 50.001 H JE2DWZ  
08211040 BV2FG/b > PM63 50.001 C JA5CMO  
08211040 BV5HH > PM63 50.125 S JA5CMO

08211118 BV5HH > PM85 50.125 H JE2DWZ  
08211130 BO2AB/BV > PM63 50.110 S JA5CMO  
08260420 BV2FG/b > PM76 50.001 H JA3JTG  
08301055 BV5HH > PM63 50.125 S JA5CMO  
09051001 BV5HH -1910 50.125 H JA5  
09220744 BV5HH > PM63 50.125 S JA5CMO  
09220812 BV2FG > PM63 50.115 C JA5CMO  
09220816 BV2FG > PM74 50.110 H JJ3WXG  
09220820 BV5HH > PM74 50.125 H JJ3WXG  
09220835 BV2SR > PM74 50.105 H JJ3WXG  
09220843 BV2SR > PM53 50.110 S JA6TEW  
09220843 BV2SR > PM63 50.110 S JA5CMO  
09220910 BV5HH > PM53 50.125 S JA6TEW  
09220914 BV4PK > PM63 50.110 S JA5CMO  
09220915 BV4PK > PM53 50.110 S JA6TEW  
09220920 BV4PK > PM74 50.110 H JJ3WXG  
09220935 BV5HH > QM05 50.125 H JA1VOK  
10200922 BV2FP >PM53 50.110 S JA6TEW  
10210522 BV4PH 50.110 H JJ3WXG

## Reports of Europe

### EUROPE GENERAL

09232019 EUR INBAND TV I G4UPS

### AUSTRIA

09281722 OE5KE 50.130 EA7AH  
09281815 OE9MON 50.110 EA7AH

### CAPRI

09281823 IC8CQF 539 CLG CQ 50.154 H F1MXE

### CROATIA

10141455 9A7V 59/59 FROM JN86 S SP5XMU

### DENMARK

09091435 OZ2LD 559/559 MS C G4UPS  
09150803 OZ2LD 599/599 JO54 C G4UPS

### ENGLAND

09220722 G4UPS IO80 > JO66 MS W SM7AED  
09220730 G3CCH IO93 > JO66 MS W SM7AED

### ESTONIA

09101018 ES0SIX 579 B G4UPS  
09101018 ES6SIX 559 B G4UPS  
09121615+ES1CW KO29 > JO65 AU W SM7FJE

### FINLAND

09121615 OI3MF KP20 > JO65 AU W SM7FJE  
09201730 OH9SIX -1740 AUE > JO66 B SM7AED

### FRANCE

10201144 F5QT 59/59 JN03OM S SP5XMU

### GERMANY

09281710 DL7QY 50.130 EA7AH

ITALY:G0JHC relays a phone call from Angelo, I2ADN:

"From October 16th the Italian 6m band is no longer limited to the window 50.151-50.163, but 50.000 to 51.000 (a full one MHz). Power has been increased from 10W to 300W and IW calls (their no-code licenses) can now be QRV."

09232020 IK4DRY 449 -2035 H G4UPS  
09281000 I TV VID -1053 53.7604 V SP5XMU  
09281042 IK7XGF 59/59 JN71>KO02 S SP5XMU  
09281207 I -1222 G  
09281209 IOJX 57 CLG CQ 50.150 H G0JHC  
09281211 IK0BAL 50.162 G0JHC  
10141454 IK3TPP 59/59 S SP5XMU  
10141457 IA5/I2ADN 59/59 JN43>KO02 S SP5XMU  
10151432 I2WSG 59 50.151 CLG CQ S SP5XMU  
10200800 Italy Video -1230 53.760 V SP5XMU  
10201014 I2WSG 59/59 JN45PB>KO02 S SP5XMU  
10201016 IK4ADE 59/59 JN54OE>KO02 S SP5XMU  
10201022 IOJX 59+/59 JN61>KO02 S SP5XMU  
10201034 IK7FGE 59/57 JN71 S SP5XMU  
10201036 IK2DUV 59/59 JN45>KO02 S SP5XMU



10201101 IV3NLQ 59/59 JN65 S SP5XMU  
 10201112 I3QDK 59/59 JN65DX PAUL S SP5XMU  
 10201120 IK3HAR 59/59 JN55 CLAUDIO S SP5XMU  
 10201125 I4CIL 50. H HB9AMZ

#### MACEDONIA

10201028 Z32BU 50. H HB9AMZ

#### MALTA

10141600 9H1AW 51/53 JM75>K002 S SP5XMU

#### NORWAY

09010727 LA0GP 559/449 JO59 JOHN MS C G4UPS

#### POLAND

09101038 SP4MPB 55 -1055 H G4UPS  
 09211047 SP1FPQ 55 CLG CQ -1048 H G4UPS  
 09251533 SP2NJE 59/59 JO92AT ADAM S G4UPS  
 09251536 SR5SIX 559 -1545 B G4UPS

#### PORTUGAL

09271334+CT0WW B G4UPS  
 09271406 CT1EKF 59/55 IN50SU -1409 S G4UPS  
 09281135 CT0WW 519 > IM59IO 50.030 B CT1DRB  
 09281734 CT0WW 559 IN61GE > JO61WB B DL1VAA  
 09281821 CT1DYX IN52 > JO61 50.110 DF0SAX  
 09281825 CT0WW WEAK > JO23 50.030 B PE1MCD

#### ROMANIA

10141154 YO7VJ 57/59 kn14>ko02 S SP5XMU  
 10201008 YO4DCF >JN47 50. W HB9AMZ

#### SCOTLAND

09121615+GB3LER IP90 > JO65 AU B SM7FJE  
 09181655 GB3LER IP90 > JO56 AU B OZ5AGJ  
 09211710 GB3LER > JO66 AU B SM7AED  
 09231320 GB3LER IP90 -1340 AU B OZ5AGJ

#### SERBIA

09232008 YU1EU 579/579 KN04DW AL C G4UPS  
 09232009 YT1AU 599/599 KN04CP ZIKA C G4UPS  
 09232010 4N1SIX 579 --> 599 B G4UPS  
 10141155 YT1AU 59/57 in ko02 S SP5XMU  
 10201031 YU1ABA 50. W HB9AMZ  
 10201050 YU1EU 50. W HB9AMZ

#### SLOVENIA

09232010 S55ZRS 559 B G4UPS  
 10201107 S59F 59/59 JN65 S SP5XMU

#### SPAIN

09271334 EH4EHI 59/59 IM68TV -1348 S G4UPS  
 09271421 EH1TA 59/59 IN53SI -1435 S G4UPS  
 09281038 EH1EBJ IN73 50.140 EA1EBJ  
 09281200 EA TV VID -1232 59+ 48.250 V SP5XMU  
 09281622 EH7AJ 57/55 IM87 S G4UPS  
 09281645 EH7AH 55 H G4UPS  
 09281700 EA TV UP TO 55 MHZ -1715 V G4IGO  
 09281705 EA3VHF 569 B G4UPS  
 09281713 EH4EI IM68TV 50.140 ON1DDR  
 09281718 EH4EHI IM68 > JO23 50.115 PE1MCD  
 09281731 EH7AH IM67 > JO42 50.130 DJ9KG  
 09281737 EH4EHI IM68 > JO42 50.125 S DJ9KG  
 09281757 EH7AH IM67 > JO43 50.110 DL5BAC  
 09281806 EH4EHI 56 IM68TV > JO61WB DL1VAA  
 10201240 EH3CUU 559 CLG CQ 50.105 H SP5XMU

#### SVALBARD

09161844 JW7SIX JQ78 > KP07 AUE B SM2HTN

#### SWEDEN

09081045 SK3SIX -1110 B G4UPS  
 09211714 SM3VEE JP81 > JO66 AU W SM7AED  
 09211719 SM5CZK JO89 > JO66 AU W SM7AED  
 09220722 SM7AED 559/549 599 @ 0726 C G4UPS  
 09231320 SK3SIX JP81 -1340 >JO56 AU B OZ5AGJ

were submitted by Danny Ogleshorpe, Shreveport, LA; Pat Dyer, WA5IYX; and William Eckberg, Dixon, IL.

#### CANADA

08062050 CKCW 2 NM 1221 T ECKBERG  
 08062220 CBHT 3 NS 1272 T ECKBERG  
 09231500 VE6ARC AU B VE6MK  
 09231500 VE6EMU DO33 AU 50.041 B VE6MK  
 09270100 VE6EMU S5T0 AU > DO21 B VE6XT  
 10230207 VE6XT DO21>CN88 AU 144.2 C VE7SKA  
 10230243 VE6HDO DO21>CN88 AU 144.21 C VE7SKA  
 10230442 CFCN 4 AB 45° AU T VE7SKA  
 10230XXX VE4VHF EN19>DN26 AU 50.036 B W7HAH  
 10230XXX VE6ARC DO05>DN26 AU 50.043 B W7HAH  
 10230XXX VE6EMU DO33>DN26 AU 50.045 B W7HAH  
 10242354-VE1PZ FN85 > FM28 K3XA

#### COSTA RICA

09292200 TI2NA B XE1GE  
 09292300 TI2NA IN ALL AFTERNOON B CO2OJ  
 10092100 TI2NA LOUD B XE1GE  
 10092100+TI4JHQ 59 EK70 50.110 S XE1GE  
 10092110 TI7WAM/4 59 EK70 50.110 S XE1GE  
 10092300 TI2LEO 58 SAN JOSE S XE1GE

#### CUBA

08251445 ICRT 2 CU 2,4,5 SS T OGLETHORPE  
 10092350 CUBA 2 CU T OGLETHORPE  
 10092350 CUBA 5 CU //2 T OGLETHORPE  
 10100018 CO2OJ EL82 > EL29 W N5BLZ  
 10100018 CO2OJ EL82 > EM24 144.2 W KA0NNO  
 10100018 CO2OJ EL82 > EM24 144.2 W N0EOQ  
 10100025+CO2OJ EL82 > EM21 144 H WA5JCI  
 10100035-CO2OJ EL82 > EL17 59 144 S W5UWB  
 10100040 CUBA 4 //2,5 T OGLETHORPE  
 10282145 CUBA > EM21 WA5JCI

#### LABRADOR

10242354 VO2GD 59 BERT FO62 > FM18 S KL7GLL/  
 10242354+VO2GD FO62 > FM28 K3XA

#### MEXICO

07192346 XE2EED 57 PLAYASDE TIJUANA S XE2HWB  
 07192348 XE2UZZL 599 B XE2HWB  
 08251650 unID 2 TV Azteca T OGLETHORPE  
 08270105 XHFM 2 VER Canal 2 1243 T OGLETHORPE  
 09040115 XHFM 2 VER 1243 T OGLETHORPE  
 09040125 unIDs 2,4 Mexico T OGLETHORPE  
 09061415 unID 2 XHQ-3 Relay T OGLETHORPE  
 09061415 XHBSt 4 SI/SO XEW T OGLETHORPE  
 09061432 unID 2 XEW T OGLETHORPE  
 09072135 XE2UZZL 599 -2155 B XE2HWB  
 09072219 XE2EED DM12 S XE2HWB  
 09072221 XE2XC DM12 S XE2HWB  
 10090045 XE 4 S&SW -0150 Es T WA5IYX  
 10090045 XE S&SW to channel 4 T WA5IYX  
 10090046 XE1KK B WA5IYX  
 10092120 unID 2 TV7 -2135 T OGLETHORPE  
 10092340 unIDs 2,3,4,5 TV7,XHGC-5 T OGLETHORPE  
 10100025 unID 5 XHGC-5 T OGLETHORPE  
 10100025 unIDs 2,4 TV7, etc. T OGLETHORPE  
 10100025 XHTV 4 DF 958 T OGLETHORPE  
 10100430 XE2UZZL DM10 > DM04 50.028 B KV6I  
 10201247 XE2/KC5FMT MS EL05>EM84 C KP4XS/4  
 10201417 XE2/KC5FMT MS C KS0F  
 10231415 XE 2-4 Es T WA5IYX  
 10231436 XE1KK 50.022 B WA5IYX  
 10231655 XE 6 Es T WA5IYX  
 10231737 XE Ciudad Obregon? 90.5 F WA5IYX  
 10231832 XHBC 3 Mexicali T WA5IYX  
 10231835 XE -1850 Tijuana 92.5 F WA5IYX  
 10231850 XE2UZZL B WA5IYX  
 10232340 XE 2,3,4 Es T WA5IYX  
 10240000 XE2HWB B WA5IYX  
 10240033 XE1KK B WA5IYX  
 10240115 XE2UZZL,XE2HWB,XE1KK B N6XQ

#### UNITED STATES, W1,2,3

08062100 WGBH 2 MA 918 T ECKBERG  
 08062105 WFSB 3 CT 842 T ECKBERG  
 08062215 WLBZ 2 ME 1030 T ECKBERG

**Reports of North America**  
 This month's TV and FM DX reports via Es and MS



08062240 WCAX 3 VT 821 T ECKBERG  
 08062330 WKTU 2 NY 714 T ECKBERG  
 08211625 WMAR 2 MD 1072 T OGLETHORPE  
 09221730 WMAR 2 MD Short-liv 1072 T OGLETHORPE  
 102921XX-N3QCM,N3SBA FM28 H CO2OJ

#### UNITED STATES, W4

08201455 WESH 2 FL 983 T ECKBERG  
 08201455 WPBT 2 FL 1229 T ECKBERG  
 08201500 WFOR 4 FL 1229 T ECKBERG  
 08201500 WUNC 4 NC 697 T ECKBERG  
 08251420 WFOR 4 FL T OGLETHORPE  
 08251420 WPBT 2 FL T OGLETHORPE  
 08270115 WPBT 2 FL 939 T OGLETHORPE  
 09032330 WUND 2 NC 1031 T OGLETHORPE  
 10092344 W4 FM TO 108 MHz F WA5IYX  
 10092345-W4/WB2QLP 59+ EL96>EL17 144 W5UWB  
 10092350-KE4NJM 59 EL94>EL17 144 S W5UWB  
 10092350 WPBT 2 FL 939 T OGLETHORPE  
 10092355-K4SC 58 EL98>EL17 144 S W5UWB  
 10092355 WPTV 5 FL 912 T OGLETHORPE  
 10092355 WTVJ 6 FL //WPTV 939 T OGLETHORPE  
 10092359 WFOR 4 FL 939 T OGLETHORPE  
 10100000-W4/W9GWT 9+ EL98>EL17 144 S W5UWB  
 10100005-AA4NA 31 EL98 > EL17 144 S W5UWB  
 10100010-W4/NOKBH 53 EL88> EL17 144 S W5UWB  
 10100015-KD4LEA 59 EL87 > EL17 144 S W5UWB  
 10100015 W4 channel 2 to 6 > EM21 T WA5JCI  
 10100020 W4/WA2YPY 53 EL96>EL17 144 S W5UWB  
 10100020 W4 EL97 > EM48 WAOKBZ  
 10100025-KD4ESV 53 EL87 > EL17 144 S W5UWB  
 10100025 KE4NJM EL94 > EM21 144 WA5JCI  
 10100025+W4/WA2QLP EL96 > EM21 144 WA5JCI  
 10100030 KE4WBP 55 EL96 > EM21 144 S W5UWB  
 10100036 KE4NJM EL94 > EL09 144 WA5IYX  
 10100040 W4EMB 59 EL95 > EM21 144 S W5UWB  
 10100045 WB4YTG 53 EL96 > EM21 144 S W5UWB  
 10160000+W4 FL > EM48 W WAOKBZ  
 10160050 W4 (GA) > EM10 W5  
 10160110 W4 (NC) > EL09 WA5IYX  
 10160144 W4 MUF TO 94.9 F WA5IYX  
 10221230 KE4LVQ EM70 > FM19 MS W N3VBG  
 10241600 KE4TSW,WA1GUD EL87>FM19 W N3VBG

#### UNITED STATES, W5

07200052 N5JHV DM62 S XE2HWP  
 07200112 AC5HC H XE2HWP  
 07211539 AA5CG 55 S XE2HWP  
 07211540 W5FF H XE2HWP  
 07211550 N5RZ/M H XE2HWP  
 07211601 AA5CG DM65 S XE2HWP  
 07211621 W5OZI B XE2HWP  
 07211630 N5VG H XE2HWP  
 08022315 KMID 2 TX 967 T ECKBERG  
 08030000 KENW 3 NM 912 T ECKBERG  
 08251545 W5FF DM64 H XE2HWP  
 08251653 W5FF DM64 S XE2HWP  
 10100010 W5YV EM00 144.2 S CO2OJ  
 10100010+W5 EL09,17,29 -0055 144.2 S CO2OJ  
 10100010+W5 EM12,20,34,31 -0055 144 S CO2OJ  
 10100018+W5/NOEQ, KA0NNO EM24 144 S CO2OJ  
 10150049 KC5VXT RICK EM32 -0102 W W0MTK  
 10150102 WB5NRI LEON 50.135 W W0MTK  
 10150206 N5HHS ROSS EL29 -0218 57 W W0MTK  
 10152212 W5 (LA) EL59 > FM19 W K3VGX  
 10160000+W5 LA,MS > EM48 H WAOKBZ  
 10160200+W5 EM16,26,32 > DM43 -0230 W NU81/7  
 10221230 WA5UUD EL49 > FM19 MS W N3VBG  
 102921XX-W5 EM12,30,20,21,40,00,24 W CO2OJ

#### UNITED STATES, W6

07192340 KM6JE 55 ST.BARBARA S XE2HWP  
 07192355 WA6TBO DM12 S XE2HWP  
 07192356 WJ6T DM05 S XE2HWP  
 07200003 N6XQ DM04 S XE2HWP  
 07200011 K6GMV DM40 S XE2HWP  
 07200013 WA6BYA CM87 S XE2HWP  
 07200014 KD6IXG DM13 S XE2HWP  
 07200016 W6/WH6PH DM04 S XE2HWP  
 07200027 W6YLZ DM04 S XE2HWP  
 07211520 KE6IHA DM04 S XE2HWP  
 07211522 K6GMV DM12 S XE2HWP

07211528 KE6ZNF DM65 S XE2HWP  
 07211551 K6TBE 55 S XE2HWP  
 07211553 KB6NAN CM87 S XE2HWP  
 07211558 N6XQ DM04 S XE2HWP  
 08251644 K6GMV S XE2HWP  
 08251648 W6SJR DM14 S XE2HWP  
 08251650 K6IBY DM33 S XE2HWP  
 08251651 W6/NI8EU S XE2HWP  
 08251710 N6XQ DM12 S XE2HWP  
 09072216 WA6TMT DM13 S XE2HWP  
 09072227 KB6NAN CM87 S XE2HWP  
 09072304 K6LGL DM04 S XE2HWP  
 10160259 AA6DD > EL09 WA5IYX  
 10231858 KEYT 3 CA Santa Barbara T WA5IYX  
 10231913 AA6DD WA5IYX

#### UNITED STATES, W7

07200002 W7US AZ B XE2HWP  
 07200010 K7NN DM42 S XE2HWP  
 07200109 W7/N6RMJ DM47 S XE2HWP  
 07200110 NW7O DM45 S XE2HWP  
 07211537 KF7E DM62 S XE2HWP  
 08251541 W7US 579 -1620 B XE2HWP  
 08251544 W7US DM42 S XE2HWP  
 08251548 N7WBQ DM42 S XE2HWP  
 08251621 W7CI DM41 S XE2HWP  
 08251642 WD7GC DM43 S XE2HWP  
 08251648 K7SP DM33 S XE2HWP  
 09232030 W7HAH WEAK 50.063 B W0MTK  
 10201851+K7CA DM26 > EL17 -1910 W W5UWB  
 10201851+K7ICW DM26 > EL17 -1910 W W5UWB  
 10230145-W7HAH DN26>CN88 AU 144 C VE7SKA  
 10230255 KJ7HB CN85 35° AU 144.2 C VE7SKA  
 10230348 K7GS DN17 40° AU 144.2 C VE7SKA  
 10230XXX W7HAH DN26>DN26 AU 50.0625B W7HAH  
 10230XXX W7WKR CN87>DN26 AU B W7HAH  
 10231850 W7US AZ B WA5IYX  
 10240000-W7 AZ ON BACKSCATTER H WA5IYX  
 10240115-N7CA H N6XQ  
 10300336 W7 AZ > EM21 WA5JCI

#### UNITED STATES, W8

08211605 WJBK 2 MI 904 T OGLETHORPE

#### UNITED STATES, W0

07200051 NOIPL DM26 S XE2HWP  
 10150206+KA0BAD W N5HHS  
 10160158 KOTA 3 SD RAPID CITY T WA5IYX  
 10160200 KCNE NE CHADRON 91.9 F WA5IYX  
 10230123 K0CXJ S4A EN26 > EM48 AU WAOKBZ  
 10240115-NOIPL H N6XQ

## Reports of Oceania

#### AUSTRALIA-VK2

10200600 VK2 ch0 >QM05 46.24 V JA1VOK

#### AUSTRALIA-VK4

10200604 VK4 ch0 46.17 V JA1VOK  
 10200653 VK4FNQ 50.110 H JA1VOK  
 10200653 VK4FNQ 50.130 S JA5CMO  
 10200654 VK4JH 50.110 H JJ3WKG  
 10200654 VK4JH 50.110 S JA1VOK  
 10210600 VK4 ch0 46.17 V JA5CMO

#### AUSTRALIA-VK8

09191159 VK8VF/b > PM64 50.057 B JH4JPO  
 09231100 VK8VF/b > PM63 50.057 C JA5CMO  
 09231102 VK8VF > PM53 50.057 B JA6TEW  
 09281039 VK8VF/b PH57>PM63 50.057 B JA5CMO  
 10071025 VK8VF/b 50.057 B JA5CMO

#### HAWAIIAN IS.

09220706 KHON 2 HI -0946 55.260 V ZK1AA  
 09220800 KH6HME HI 579 B ZK1AA  
 09220800 KHBC 2 HI +3,4,5 55.250 V ZK1AA  
 09230522 KHON 2 HI -1240 55.260 V ZK1AA  
 09230617 KH6 3,4,5 V ZK1AA  
 09230617 KH6HME HI B ZK1AA  
 09230617 KHBC 2 HI HILO 55.250 V ZK1AA  
 09230715 KHON 2 HI -0815 55.260 V F05DR



|          |                |          |           |        |   |       |
|----------|----------------|----------|-----------|--------|---|-------|
| 09240820 | KHON           | 2 HI     | -1110     | 55.260 | V | ZK1AA |
| 09240835 | KHBC           | 2 HI     | VY WEAK   | 55.250 | V | ZK1AA |
| 09250602 | KH6HME         | HI       | 569 -0730 |        | B | ZK1AA |
| 09250602 | KHBC           | 2 HI     | -0830     | 55.250 | V | ZK1AA |
| 09250602 | KHON           | 2 HI     | -0942     | 55.260 | V | ZK1AA |
| 09250800 | KH6            | 3,4,5    | STRONG    |        | V | ZK1AA |
| 09260600 | KHON           | 2 HI     | -1000     | 55.260 | V | ZK1AA |
| 09260645 | KHON           | 2 HI     | -0715     | 55.260 | V | FO5DR |
| 09270635 | KH6HME         | HI       | 239       |        | B | ZK1AA |
| 09270635 | KHBC           | 2 HI     | WEAK      | 55.250 | V | ZK1AA |
| 09270635 | KHON           | 2 HI     | -0955     | 55.260 | V | ZK1AA |
| 09280557 | KGMV           | 3 HI     | +4,5      | 61.250 | V | ZK1AA |
| 09280557 | KH6HME         | HI       | 539       |        | B | ZK1AA |
| 09280557 | KHON           | 2 HI     | -1157     | 55.260 | V | ZK1AA |
| 09280645 | KHON           | 2 HI     | -0715     | 55.260 | V | FO5DR |
| 09290600 | KHON           | 2 HI     | -1000     | 55.260 | V | ZK1AA |
| 09300712 | KFVE           | 5 HI     | HONOLULU  | 77.250 | V | ZK1AA |
| 09300712 | KGMV           | 3 HI     | WAILUKI   | 61.250 | V | ZK1AA |
| 09300712 | KH6HME         | HI       | 579       |        | B | ZK1AA |
| 09300712 | KHBC           | 2 HI     | HILO      | 55.250 | V | ZK1AA |
| 09300712 | KHON           | 2 HI     | -1112     | 55.260 | V | ZK1AA |
| 09300712 | KITV           | 4 HI     | HONOLULU  | 67.240 | V | ZK1AA |
| 10010833 | KH6            | 3,4,5    | STRONG    | 61.250 | V | ZK1AA |
| 10010833 | KH6HME         | HI       | STRONG    |        | B | ZK1AA |
| 10010833 | KHBC           | 2 HI     | HILO      | 55.250 | V | ZK1AA |
| 10010833 | KHON           | 2 HI     | -1123     | 55.250 | V | ZK1AA |
| 10050735 | KHON           | 2 HI     | -1115     | 55.260 | V | ZK1AA |
| 10060640 | KHON           | 2 HI     | -0850     | 55.260 | V | ZK1AA |
| 10070635 | KHON           | 2 HI     | -1155     | 55.260 | V | ZK1AA |
| 10080614 | KHON           | 2 HI     | -1218     | 55.260 | V | ZK1AA |
| 10090742 | KHON           | 2 HI     | -1117     | 55.260 | V | ZK1AA |
| 10100910 | KHON           | 2 HI     | -0920     | 55.260 | V | ZK1AA |
| 10110528 | KH6HME         | HI       | 559       |        | B | ZK1AA |
| 10110528 | KHON           | 2 HI     | -0943     | 55.260 | V | ZK1AA |
| 10240115 | -KH6HME, KH6HI |          | 50        |        | B | N6XQ  |
| 10240115 | -KH6IAA        |          | 50.125    |        | W | N6XQ  |
| 10242149 | KH6HME         | VY WEAK  | > CM88    |        | B | K6QXY |
| 10242213 | KH6HI          | -2242 57 | > CM88    |        | B | K6QXY |

#### MINAMI TORI SHIMA IS.

|          |              |        |        |   |        |
|----------|--------------|--------|--------|---|--------|
| 08210314 | JD1BIY       | > PM85 | 50.110 | S | JE2DWZ |
| 08310625 | JD1BIY(QL64) | > QM05 | 50.120 | H | JA1VOK |
| 08310700 | JD1BIY       | > QM05 | 50.120 | S | JA1VOK |
| 09010819 | JD1BIY       | -1810  | 50.120 |   | JA1VOK |

#### OGASAWARA IS.

|          |          |        |        |   |        |
|----------|----------|--------|--------|---|--------|
| 08310410 | JD1ADP/b | > QM05 | 50.013 | B | JA1VOK |
| 08310410 | JD1BJP   | > QM05 | 50.110 | H | JA1VOK |

## DX-peditions / Operations

**FT5WE:** LE54, ending December 7, op F5IJT, QSL via F5GTW.

**ZD8DEZ:** ending December 31, op G0DEZ, QSL via G0DEZ.

**TL8MB:** JJ94, Bangui, ending December 26, op F5JKK, Eric, QSL via F6FNU.

**ZS1D/mm or A45ZN:** LL84, op Tony, G4KLF, QSL via G4UPS.

## Beacon News

**VK3SIX:** VK3OT informs us that the 50.053 MHz beacon presently is running 15 Watts to a 9 el Yagi at 100 feet beaming North to JA. The 28.253 MHz beacon runs 25 Watts to a 5 el Yagi at 120 feet, also beaming North to JA. Between December 1 and March 1 these beams will be swung to 210 degrees to ZS6. VK3OT writes that the escarpment on which these antennas rest is 850 feet AMSL and the takeoff to ZS6 & VK0 is spectacular. The six meter frequency will probably be changed to 50.306 so that it will be near the VK6 beacon at Bunbury.

**J3EOC:** John Walker, WZ8D, writes "The J3 beacon should be on the air on about October 24. Myself and Joe, WB8GEX, will install it on one of the best locations in Grenada. The frequency will be 50.0565 and will run 1.6 Watts out. . . I will be on six meters while in Grenada with 100 Watts and a 3 element beam. I don't expect to work much, maybe some TE. I hope to go back there for the June 1997 VHF Test."

Lefty, K1TOL, writes regarding "Silent W/VE Beacons" in the August 96 Bulletin: "Here is what I know or have heard as late as August:

|         |        |    |
|---------|--------|----|
| 50.062  | WA8R   | ON |
| 50.073  | WA4WTC | ON |
| 50.0755 | WA4IOB | ON |
| 50.0765 | W8UR   | ON |

Lefty's new e-mail address is K1TOL@unity.unity.edu.

Paul Johnston, KA5FYI, writes to confirm his beacon operation on 50.0665. It runs 1.5 Watts to a six element Yagi up 25 feet (but he didn't indicate where it was pointed). It is powered by a 23 Watt solar panel with a 12V storage battery, and is located in EM10, Austin, TX.

## EME News

VK3OT writes: "In a letter received today signed by the Customer Services Group of the Spectrum Management Agency, I have been advised that the SMA no longer is able to approve high power operations or out-of-band operation by letter of authority. All approvals for non-standard operations in Australia outside of the Technical Licence Specifications have to be approved by means of a separate Scientific Assigned Licence for which a substantial fee is payable for processing (\$200). In the case of 50 to 50.105 MHz, it must be also approved by the Australian Broadcast Authority. At this stage the ABA are not prepared to approve operations of a high power nature on the segment 50.000 to 50.105 due to the likelihood of interference to Channel 0 television. This is a sad day for 6m operations down here."

## Wormhole Closed

Neil Carr, G0JHC, posted the following on October 7: "Just read a message on the UK DXcluster, stating that the wormhole link in/out of the UK to NA via LOONY has had to go QRT at the UK end this weekend, due to the sysop being informed by the RA (our FCC) that it breaks licensing conditions.

This will mean NA East Coast 6m op's losing a valuable tool for next year's E season."

### Comments From Other Publications

## Re: New Six Meter DX Window from Sept 96 Rocky Mountain VHF+

**Chuck Smallhouse, WA6MGZ**

The expansion of the 6M DX window, I strongly feel is highly undesirable at this time. It would make it very very difficult to efficiently monitor the band for openings, for both NA and DX simultaneously. If the opening is so good that the present DX window gets too crowded, then the stations will just move up, as they do now when there is a good NA "E" opening. We in the west will experience similar conditions with a good JA opening as the Easterners do with a good EU opening, and I don't envision that being much of a problem, especially after the mature experienced operators recognize the need to disperse.



### Larry Gerbaz K0CL

Personally I think 50.150 would be more than enough band width for a SSB DX window. Maybe a few more people should try CW! Maybe 25 kHz 50.075 up for a CW DX window in conjunction with the SSB. My antenna has good band width, but at 50.2 I am going to start having some problems, especially up the band! It might be ok for small Yagis, but not for real big antennas.

### Shep W7HAH

In response to the 6 meter DX Window controversy, after reading all the e-mail on the Internet, I will say that I go along with Dave, N5JHV's reply on this subject. I also attended the W6JKV get together and was in on the discussion about having a DX window and greed that there had to be a change and went along with Bill, W3XO's proposition of making 50.100 to 50.125 the DX Window.

My understanding of all of this depends on the cooperation of the amateur community, we have to have very good reasons for amateurs to understand what and why we need to do this. Since the no-code (license) is now in effect in the VHF/UHF portion of our bands, we have had a great increase in these new licensees. Our problem is in educating these people (about) the ARRL band plan. This is where our main problem lies.

One of the ideas put forth was having the DX Window from 50.100 to 50.200 MHz, as we all know in the western part of the US and Canada, 99% of the time there would be absolutely nothing going on in that 100 kHz, so I could not accept that idea.

For my part, my antenna is optimized for the low end of the band as well as many avid 6 meters amateurs' are. During the last (solar) cycle at my home station I worked only two European stations, and they were not worked in the DX portion. To the west of me, I don't know of a single station that worked into Europe. I do know a few stations in California that did work into Europe and most of them were in the southern part of the state.

As I see it as an avid VHFer, the biggest problem is education. I hear time after time big pileups on 50.125 MHz and I will admit I don't at times move up the and after establishing contact, so I am guilty as the rest, but I do realize that here lies a very serious problem, moving the DX window from 50.100 to 50.200 will not solve the problem as I see it. Consider this in your mind of making the DX window from 50.135 to 50.170MHz. Let us educate ourselves and others what is best for us all both on all VHF/UHF frequencies.

## from October 96 Great Lakes VHF/UHF

by Dave Bostedor Jr., N8NQS, Editor

While the trend is popular these days, for both political parties to cozy up to the "Smaller Government philosophy, we have a sincere group of "Band Planners" wanting our "self-governing body" the ARRL, to heap further restrictions on the six meter operators. Their intention is prohibit the use of 50.125 MHz to 50.200 MHz for domestic QSOs. **This is my opinion. If you disagree with me, you are invited to submit your comments for publication, without editing.** The last thing I think we need, is to further inhibit the utilization of the full six meter band by all licensed hams with FCC privileges in that area. I know that I am taking up a position opposite many dedicated six meter operators, many good men that I consider friends, but to open the DX window

from its present place (50.100 MHz to 50.125 MHz), and change it to (50.100 MHz to 50.200 MHz), seems worthy of careful consideration. I, for one, will not recognize such a band plan unless it becomes law.

Let's take a look at the present U.S. CW/SSB six meter band plan. 50.000 MHz to 50.100 MHz is reserved for CW only. 50.100 MHz and up is used for all-mode operations. 50.100 MHz to 50.125 MHz is the DX window, with 50.110 MHz being the DX calling frequency. 50.125 MHz is the "Domestic" calling frequency, and most domestic QSOs occur between 50.130 MHz and 50.200 MHz.

There just doesn't seem to be sufficient cause to force a change in these reasonable guidelines. I was fortunate to get my license early enough to enjoy the transcontinental DX openings on the waning side of the last sunspot cycle peak. When the number of DX stations exceeded the capacity of the DX window, it flowed into the domestic portion, No Problem! I probably made most of my DX contacts above 50.125 MHz. Nothing prohibits the DX from moving up into the domestic QSO window. Many of the same operators who are promoting the expansion of the DX window, while shifting the domestic range up by 75 kHz had probably few (if any) problems in the 50.125 MHz to 50.200 MHz range, with one domestic station in QSO with another, while the DX was "in."

I really believe that many of the proponents of the expanded DX window plan are going along with an idea that they don't really feel is best for the hobby. Have not many of the supporters used frequencies below 50.125 MHz for their Canadian, Mexican, and Caribbean expeditions? Many have ties up the calling frequency for extended periods of time, working station after station from their expedition sites. Shameful! Something doesn't seem right. I'm not the only expeditioner that has used 50.120 MHz, during an expedition, to avoid the QRM in the "Domestic" window while putting rare grid squares on in Canada, the Caribbean, and Pacific Islands. By some, these would not be considered DX locations, and they would not work my station until I returned to 50.125 MHz+. I admire their dedication to what they believe is best, but I will draw the line at the point where they make it mandatory for everyone else to do it their way or no way!

Think about this for a moment: We tune our transmitters to peak efficiency in the 50.110 MHz to 50.125 MHz range. We tune our amplifiers. We tune our antennas to the same range for optimum performance. Opening the DX windows and shifting the domestic window up will make it near impossible to maintain "best tuned" conditions for a broad 200 kHz operating window. Will I tune my equipment for DX, or tune it for the domestic frequencies? If I select one, the other will suffer. They can say all they want about equipment being "Broad-banded", but I submit that they are less than completely accurate to say that you can maintain optimum performance for all specific frequencies, over a 200 kHz window. I have warned our readers about a mobile antenna that can't stay tuned in varying weather conditions. Those who have put the caution to the test have found the warning to be with foundation. Imagine having to maintain optimum tuning over a 200 kHz window with such an antenna!

I propose that we leave well enough alone. I urge those who support the widening of the DX window and shifting the domestic window to re-consider. We don't need further limitations on such a fun hobby as operating on six meters! This is my opinion. N8NQS - Dave Bostedor, Jr.